

BOOKS – AUTHOR

2. Armus, L., Megeath, S., Corrales, L., Marengo, M., Kirkpatrick, A., Smith, J. D., Meyer, M., Gezari, S., Kraft, R., McCandliss, S., Tuttle, S., Elvis, M., **Bentz, M. C.**, Binder, B., Civano, F., Dragomir, D., Espaillat, C., Finkelstein, S., Fox, D. B., Greenhouse, M., Hamden, E., Kauffmann, J., Khullar, G., Lazio, J., Lee, J., Lillie, C., Lightsey, P., Mushotzky, R., Scarlata, C., Scowen, P., Tremblay, G., Wang, Q. D., Wolk, S. *Great Observatories: the Past and Future of Panchromatic Astrophysics, a report by the NASA Great Observatories Science Analysis Group*. 2019, cor.gsfc.nasa.gov: NASA COPAG SAG 10 report
1. Kouveliotou, C., Agol, E., Batalha, N., Bean, J., **Bentz, M.**, Cornish, N., Dressler, A., Gaudi, S., Guyon, O., Hartmann, D., Figueroa-Feliciano, E., Kalirai, J., Niemack, M., Ozel, F., Reynolds, C., Roberge, A., Sheth, K., Straughn, A., Weinberg, D., Zmuidzinas, J. *Enduring Quests, Daring Visions: NASA Astrophysics in the Next Three Decades*. 2013, science.nasa.gov: NAC Astrophysics Subcommittee documents

BOOKS – EDITOR

1. Maran, S.P. *Astronomy for Dummies, 4th edition*. 2017, ed. V. Adang, technical ed. **M. Bentz** (Indianapolis: John Wiley and Sons)

REFEREED JOURNAL ARTICLES

*Note: articles marked with * have > 100 citations to date (July 2021)*

102. **Bentz, M.C.**, Williams, P. R., Street, R., Onken, C.A., Valluri, M., Treu, T. *A Detailed View of the Broad Line Region in NGC 3783 from Velocity-Resolved Reverberation Mapping*. 2021, Astrophysical Journal, submitted
101. GRAVITY Collaboration: Amorim, A., Bauböck, M., **Bentz, M.C.**, et al. *A Geometric Distance to NGC 3783*. 2021, Astronomy & Astrophysics, submitted
100. Kara, E., Mehdipour, M., Kriss, G.A., Cackett, E.M., Arav, N., Barth, A.J., Byun, D., Brotherton, M.S., De Rosa, G., Gelbord, J., Hernandez Santisteban, J.V., Hu, C., Kaastra, J., Landt, H., Li, Y.-R., Miller, J.A., Montano, J., Partington, E., Aceituno, J., Bai, J.-M., Bao, D., **Bentz, M.C.**, et al. *AGN STORM 2: I. First results: A Change in the Weather of Mrk 817*. 2021, Astrophysical Journal, submitted
99. Roberts, C.A., **Bentz, M.C.**, Vasiliev, E., Valluri, M., Onken, C.A. *The Black Hole Mass of NGC 4151 from Stellar Dynamical Modeling*. 2021, Astrophysical Journal, in press
98. Anderson, M.D., Baron, F., and **Bentz, M.C.** *TLDR: Time Lag/Delay Reconstructor*. 2021, Monthly Notices of the Royal Astronomical Society, in press
97. Riffel, R.A., Storchi-Bergmann, T., Riffel, R., Bianchin, M., Zakamska, N.L., Ruschel-Dutra, D., Schonell, A.J., Rosario, D.J., Rodriguez-Ardila, A., Fischer, T.C., Davies, R.I., Dametto, N.Z., Dahmer-Hahn, L.G., Crenshaw, D.M., Burtscher, L., **Bentz, M.C.** *The AGNIFS survey: distribution and excitation of the hot molecular and ionised gas in the inner kpc of nearby Seyfert galaxies*. 2021, Monthly Notices of the Royal Astronomical Society, Vol. 504, p. 3265
96. Cackett, E.M., **Bentz, M.C.**, Kara, E. *Reverberation mapping of Active Galactic Nuclei: from X-ray corona to dusty torus*. 2021, iScience, Vol. 24, p. 102557
95. Yuan, W., Macri, L.M., Peterson, B.M., Riess, A.G., Fausnaugh, M.M., Hoffman, S.L.,

- Anand, G.,S., **Bentz, M.C.**, et al. *The Cepheid Distance to the Narrow-Line Seyfert 1 Galaxy NGC 4051*. 2021, *Astrophysical Journal*, Vol. 913, p. 3
94. Robinson, J.H., **Bentz, M.C.**, Courois, H.M., Johnson, M.C., Crenshaw, D.M., Meena, B., Polack, G., Silverstein, M., Chen, D. *Tully-Fisher Distances and Dynamical Mass Constraints for 24 Host Galaxies of Reverberation-Mapped AGN*. 2021, *Astrophysical Journal*, Vol. 912, p. 160
93. **Bentz, M.C.** *The Host Galaxy of the Dwarf Seyfert UGC 06728*. 2021, *Astrophysical Journal*, Vol. 908, p. 25
92. Horne, K., De Rosa, G., Peterson, B.M., Barth, A.J., Ely, J., Fausnaugh, M.M., Kriss, G.A., Pei, L., Adams, S.M., Anderson, M.D., Arevalo, P., Beatty, T.G., Bennert, V.N., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. IX. Velocity-Delay Maps for Broad Emission Lines in NGC 5548*. 2021, *Astrophysical Journal*, Vol. 907, p. 76
91. **Bentz, M.C.**, Street, R., Onken, C.A., and Valluri, M. *Robotic Reverberation Mapping of the Southern Seyfert NGC 3783*. 2021, *Astrophysical Journal*, Vol. 906, p. 50
90. Dehghanian, M., Ferland, G.J., Peterson, B.M., Kriss, G.A., Korista, K.T., Goad, M.R., Chatzikos, M., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. XIII. An Atlas of UV and X-ray Spectroscopic Signatures of the Disk Wind in NGC 5548*. 2020, *Astrophysical Journal*, Vol. 906, p. 14
89. Dalla Bonta, E., Peterson, B.M., **Bentz, M.C.**, et al. *The Sloan Digital Sky Survey Reverberation Mapping Project: Estimating Masses of Black Holes in Quasars with Single-Epoch Spectroscopy*. 2020, *Astrophysical Journal*, Vol. 903, p. 112
88. Williams, P.R., Pancoast, A., Treu, T., Brewer, B.J., Peterson, B.M., Barth, A.J., Malkan, M.A., De Rosa, G., Horne, K., Kriss, G.A., Arav, N., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. XII. Broad-line Region Modeling of NGC 5548*. 2020, *Astrophysical Journal*, Vol. 902, p. 74
87. Yuan, W., Fausnaugh, M.M., Hoffmann, S.L., Macri, L.M., Peterson, B.M., Riess, A.G., **Bentz, M.C.**, et al. *The Cepheid Distance to the Seyfert 1 Galaxy NGC4151*. 2020, *Astrophysical Journal*, Vol. 902, p. 26
86. Dehghanian, M., Ferland, G.J., Kriss, G.A., Peterson, B.M., Korista, K.T., Goad, M.R., Chatzikos, M., Guzman, F., De Roas, G., Mehdipour, M., Kaastra, J., Mathur, S., Vestergaard, M., Proga, D., Waters, T., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. XI. Disk-wind characteristics and contributions to the very broad emission lines of NGC 5548*. 2020, *Astrophysical Journal*, Vol. 898, p. 141
85. Cornachione, M.A., Morgan, C.W., Millon, M., **Bentz, M.C.**, Courbin, F., Bonvin, V., and Falco, E.E. *A Microlensing Accretion Disk Size Measurement in the Lensed Quasar WFI 2026-4536*. 2019, *Astrophysical Journal*, in press (astro-ph/1911.06218)
84. **Bentz, M.C.**, Ferrarese, L., Onken, C.A., Peterson, B.M., Valluri, M. *A Cepheid-based Distance to the Seyfert Galaxy NGC 6814*. 2019, *Astrophysical Journal*, Vol. 885, p. 2
83. Kriss, G.A., De Rosa, G., Ely, J., Peterson, B.M., Kaastra, J., Mehdipour, M., Ferland, G.J., Dehghanian, M., Mathur, S., Edelson, R., Korista, K.T., Arav, N., Barth, A.J., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. VIII. Time Variability of Emission and Absorption in NGC5548 Based*

- on Modeling the Ultraviolet Spectrum*. 2019, *Astrophysical Journal*, Vol. 881, p. 153
82. Robinson, J.H., **Bentz, M.C.**, Johnson, M.C., Courtois, H.M., Ou-Yang, B. *HI Spectroscopy of Reverberation-Mapped Active Galactic Nuclei*. 2019, *Astrophysical Journal*, Vol. 880, p. 68
81. Dehghanian, M., Ferland, G.J., Kriss, G.A., Peterson, B.M., Mathur, S., Mehdipour, M., Guzman, F., Chatzikos, M., Van Hoof, P.A.M., Williams, R.J.R., Barth, A.J., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. X. The Hidden Life of ‘the Obscurer’ in NGC 5548 and Understanding the Absorption-Line Holiday*. 2019, *Astrophysical Journal*, Vol. 877, p. 119
80. Edelson, R., Gelbord, J., Cackett, E., Peterson, B.M., Horne, K., Barth, A.J., Starkey, D.A., **Bentz, M.**, et al. *The First Swift Intensive AGN Accretion Disk Reverberation Mapping Survey*. 2019, *Astrophysical Journal*, Vol. 870, p. 123
79. Gonzalez, L., **Bentz, M.C.**, & Paredes, L. *V-Band Photometric Monitoring of 852 Wladilena*. 2019, *Minor Planet Bulletin*, Vol. 46, p. 8
78. **Bentz, M.C.**, Abbott, C., Agudelo, S., Dassing, S., Flynn, W., Gibbs, A., Gonzalez, L., Kim, B., Paredes, L., Toben, C., Vrijmoet, E.H., Yep, A. *Filtered Photometric Monitoring of 1591 Baize*. 2018, *Minor Planet Bulletin*, Vol. 45, p. 311
77. De Rosa, G., Fausnaugh, M.M., Grier, C.J., Peterson, B.M., Denney, K.D., Horne, Keith, **Bentz, M.C.**, et al. *Velocity-Resolved Reverberation Mapping of Five Bright Seyfert 1 Galaxies*. 2018, *Astrophysical Journal*, Vol. 866, p. 133
76. **Bentz, M.C.** and Manne-Nicholas, E.R. *Black Hole – Galaxy Scaling Relationships for Active Galactic Nuclei with Reverberation Masses*. 2018, *Astrophysical Journal*, Vol. 864, p. 146
75. Fausnaugh, M.M., Starkey, D.A., Horne, Keith, Kochanek, C.S., Peterson, B.M., **Bentz, M.C.**, et al. *Continuum Reverberation Mapping of the Accretion Disks in Two Seyfert 1 Galaxies*. 2018, *Astrophysical Journal*, Vol. 854, p. 107
74. Mathur, S., Gupta, A., Page, K., Pogge, R.W., Krongold, Y., Goad, M. R., Adams, S.M., Anderson, M.D., Arévalo, P., Barth, A.J., Bazhaw, C., Beatty, T. G., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. VII. Understanding the Ultraviolet Anomaly in NGC 5548 with X-Ray Spectroscopy*. 2017, *Astrophysical Journal*, Vol. 846, p. 55
73. Fausnaugh, M.M., Grier, C.J., **Bentz, M.C.**, et al. *Reverberation Mapping of Optical Emission Lines in Five Active Galaxies*. 2017, *Astrophysical Journal*, Vol. 840, p. 97
72. Edelson, R., Gelbord, J., Cackett, E., Connolly, S., Done, C., Fausnaugh, M., Gardner, E., Gehrels, N., Goad, M., Horne, K., McHardy, I., Peterson, B.M., Vaughan, S., Vestergaard, M., Breeveld, A., Barth, A.J., **Bentz, M.**, et al. *Swift Monitoring of NGC 4151: Evidence for a Second X-Ray/UV Reprocessing*. 2017, *Astrophysical Journal*, Vol. 840, p. 41
71. Batiste, M., **Bentz, M.C.**, Raimundo, S.I., Vestergaard, M., Onken, C.A. *Recalibration of the $M_{\text{BH}} - \sigma_*$ Relation for AGN*. 2017, *Astrophysical Journal*, Vol. 838, p. L10
70. Pei, L., Fausnaugh, M.M., Barth, A.J., Peterson, B.M., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-line Analysis for NGC 5548*. 2017, *Astrophysical Journal*, Vol. 837, p. 131

69. Batiste, M., **Bentz, M.C.**, Manne-Nicholas, E.R., Onken, C.A., Bershadsky, M.A. *The BRAVE Program I. Improved Bulge Stellar Velocity Dispersion Estimates for a Sample of Active Galaxies*. 2017, *Astrophysical Journal*, Vol. 835, p. 271
68. Starkey, D., Horne, K., Fausnaugh, M. M., Peterson, B. M., **Bentz, M. C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. VI. Reverberating Disk Models for NGC 5548*. 2017, *Astrophysical Journal*, Vol. 835, p. 65
67. **Bentz, M.C.**, Batiste, M., Seals, J., Garcia, K., Kuzio de Naray, R., Peters, W., Anderson, M.D., Jones, J., Lester, K., Machuca, C., Parks, J.R., Pope, C.L., Revalski, M., Roberts, C.A., Saylor, D., Sevrinsky, R.A., Turner, C. *A Low-Mass Black Hole in the Nearby Seyfert Galaxy UGC 06728*. 2016, *Astrophysical Journal*, Vol. 831, p. 2
66. **Bentz, M.C.**, Cackett, E.M., Crenshaw, D.M., Horne, K., Street, R., Ou-Yang, B. *A Reverberation-Based Black Hole Mass for MCG-06-30-15*. 2016, *Astrophysical Journal*, Vol. 830, p. 136
65. Goad, M.R., Korista, K.T., De Rosa, G., Kriss, G.A., Edelson, R., Barth, A. J., Ferland, G. J., Kochanek, C. S., Netzer, H., Peterson, B. M., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. IV. Anomalous Behavior of the Broad Ultraviolet Emission Lines in NGC 5548*. 2016, *Astrophysical Journal*, Vol. 824, p. 11
64. Barth, A.J., **Bentz, M.C.** *No Evidence for [O III] Variability in Mrk 142*. 2016, *Monthly Notices of the Royal Astronomical Society*, Vol. 458, p. 109
- 63.* Fausnaugh, M.M., Denney, K.D., Barth, A.J., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. III. Optical Continuum Emission and Broad-Band Time Delays*. 2016, *Astrophysical Journal*, Vol. 821, p. 56
62. Troyer, J., Starkey, D., Cackett, E.M., **Bentz, M.C.**, Goad, M.R., Horne, K., Seals, J.E. *Correlated X-ray/Ultraviolet/Optical Variability in NGC 6814*. 2015, *Monthly Notices of the Royal Astronomical Society*, Vol. 456, p. 4040
61. Skielboe, A., Pancoast, A., Treu, T., Park, D., Barth, A.J., **Bentz, M.C.** *Reverberation Mapping by Regularized Linear Inversion: Velocity-Delay Maps for the Lick AGN Monitoring Project 2008 Dataset*. 2015, *Monthly Notices of the Royal Astronomical Society*, Vol. 454, p. 144
60. Cackett, E.M., Gultekin, K., **Bentz, M.C.**, Fausnaugh, M.M., Peterson, B.M., Troyer, J., Vestergaard, M. *Swift/UVOT Grism Monitoring of NGC 5548 in 2013: An Attempt at MgII Reverberation Mapping*. 2015, *Astrophysical Journal*, Vol. 810, p. 86
- 59.* Edelson, R., Gelbord, J.M., Horne, K., McHardy, I.M., Peterson, B.M., Arevalo, P., Breeveld, A.A., De Rosa, G., Evans, P.A., Goad, M.R., Kriss, G.A., Dwelly, T., Gehrels, N., Grupe, D., Kennea, J.A., Jousek, J.A., Papadakis, I., Siegel, M., Starkey, D., Uttley, P., Vaughan, S., Young, S., Barth, A.J., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. II. Swift and HST Reverberation Mapping of the Accretion Disk of NGC 5548*. 2015, *Astrophysical Journal*, Vol. 806, p. 129
58. De Rosa, G., Peterson, B.M., Ely, J., Kriss, G.A., Crenshaw, D.M., Horne, K., Korista, K.T., Netzer, H., Pogge, R.W., Arevalo, P., Barth, A.J., **Bentz, M.C.**, et al. *Space Telescope and Optical Reverberation Mapping Project. I. Ultraviolet Observations of the Seyfert 1 Galaxy NGC 5548 with the Cosmic Origins Spectrograph on Hubble*

- Space Telescope*. 2015, *Astrophysical Journal*, Vol. 806, p. 128
57. Kilerci-Eser, E., Vestergaard, M., Peterson, B.M., Denney, K.D., **Bentz, M.C.** *On the Scatter in the Radius-Luminosity Relationship for Active Galactic Nuclei*. 2015, *Astrophysical Journal*, Vol. 801, p. 8
- 56.* **Bentz, M.C.**, Katz, S. *The AGN Black Hole Mass Database*. 2015, *Publications of the Astronomical Society of the Pacific*, Vol. 127, p. 67
- 55.* Pancoast, A., Brewer, B. J., Treu, T., Park, D., Barth, A. J., **Bentz, M. C.**, Woo, J.-H. *Modeling reverberation mapping data II: dynamical modeling of the Lick AGN Monitoring Project 2008 dataset*. 2014, *Monthly Notices of the Royal Astronomical Society*, Vol. 445, p. 3073
- 54.* Denney, K.D., De Rosa, G., Croxall, K., Gupta, A., **Bentz, M.C.**, Fausnaugh, M.M., Grier, C.J., Martini, P., Mathur, S., Peterson, B.M., Pogge, R.W., Shappee, B.J. *AGN Type Casting: Mrk 590 No Longer Fits the Role*. 2014, *Astrophysical Journal*, Vol. 796, p. 134
53. **Bentz, M.C.**, Horenstein, D., Bazhaw, C., Manne-Nicholas, E.R., Ou-Yang, B.J., Anderson, M., Jones, J., Norris, R.P., Parks, J.R., Saylor, D., Teems, K.G., Turner, C. *The Mass of the Central Black Hole in the Nearby Seyfert Galaxy NGC 5273*. 2014, *Astrophysical Journal*, Vol. 796, p. 8
52. Peterson, B.M., Grier, C.J., Horne, K., Pogge, R.W., **Bentz, M.C.**, et al. *Reverberation Mapping of the Seyfert 1 Galaxy NGC 7469*. 2014, *Astrophysical Journal*, Vol. 795, p. 149
51. Onken, C.A., Valluri, M., Brown, J.S., McGregor, P.J., Peterson, B.M., **Bentz, M.C.**, Ferrarese, L., Pogge, R.W., Vestergaard, M., Storchi-Bergmann, T., Riffel, R.A. *The Black Hole Mass of NGC 4151. II. Stellar Dynamical Measurement from Near-Infrared Integral Field Spectroscopy*. 2014, *Astrophysical Journal*, Vol. 791, p. 37
50. Peterson, B. M., Denney, K. D., De Rosa, G., Grier, C. J., Pogge, R. W., **Bentz, M. C.**, Kochanek, C. S., Vestergaard, M., Kilerci-Eser, E., Dalla Bontà, E., Ciroti, S. *The Size of the Narrow-line-emitting Region in the Seyfert 1 Galaxy NGC 5548 from Emission-line Variability*. 2013, *Astrophysical Journal*, Vol. 779, p. 109
- 49.* Grier, C. J., Martini, P., Watson, L. C., Peterson, B. M., **Bentz, M. C.**, Dasyra, K. M., Dietrich, M., Ferrarese, L., Pogge, R. W., Zu, Y. *Stellar Velocity Dispersion Measurements in High-luminosity Quasar Hosts and Implications for the AGN Black Hole Mass Scale*. 2013, *Astrophysical Journal*, Vol. 773, p. 90
48. Landt, H., Ward, M. J., Peterson, B. M., **Bentz, M. C.**, Elvis, M., Korista, K. T., Karovska, M. *A Near-Infrared Relationship for Estimating Black Hole Masses in Active Galactic Nuclei*. 2013, *Monthly Notices of the Royal Astronomical Society*, Vol. 432, p. 113L
47. Berrier, J. C., Davis, B. L., Kennefick, D., Kennefick, J. D., Seigar, M. S., Barrows, R. S., Hartley, M., Shields, D., **Bentz, M. C.**, Lacy, C. H. S. *Further Evidence for a Supermassive Black Hole Mass – Pitch Angle Relation*. 2013, *Astrophysical Journal*, Vol. 769, p. 132
- 46.* **Bentz, M.C.**, et al. *The Low-Luminosity End of the Radius–Luminosity Relationship for Active Galactic Nuclei*. 2013, *Astrophysical Journal*, Vol. 767, p. 149
- 45.* Grier, C.J., Peterson, B.M., Horne, K., **Bentz, M.C.**, et al. *The Structure of the Broad Line Region in Active Galactic Nuclei: I. Reconstructed Velocity-Delay Maps*.

- 2013, *Astrophysical Journal*, Vol. 764, p. 47
44. Dietrich, M., Peterson, B.M., Grier, C.J., **Bentz, M.C.**, et al. *Optical Monitoring of the Broad-Line Radio Galaxy 3C390.3*. 2012, *Astrophysical Journal*, Vol. 757, p. 53
- 43.* Grier, C.J., Peterson, B.M., Pogge, R.W., Denney, K.D., **Bentz, M.C.**, et al. *Reverberation Mapping Results for Five Seyfert 1 Galaxies*. 2012, *Astrophysical Journal*, Vol. 755, p. 60
42. Matheson, T., Joyce, R. R., Allen, L.E., Saha, A., Silva, D.R., Wood-Vasey, W.M., Adams, J.J., Anderson, R.E., Beck, T.L., **Bentz, M.C.**, et al. *The Infrared Light Curve of SN 2011fe in M101 and the Distance to M101*. 2012, *Astrophysical Journal*, Vol. 754, p. 19
41. Park, D., Woo, J.H., Treu, T., Barth, A.J., Bentz, M.C., Bennert, V.N., Canalizo, G., Filippenko, A.V., Gates, E., Greene, J.E., Malkan, M.A., Walsh, J. *The Lick AGN Monitoring Project: Recalibrating Single-Epoch Virial Black Hole Mass Estimates*. 2012, *Astrophysical Journal*, Vol. 747, p. 30
40. Grier, C.J., Peterson, B.M., Pogge, R.W., Denney, K.D., **Bentz, M.C.**, et al. *A Reverberation Lag for the High-ionization Component of the Broad-line Region in the Narrow-line Seyfert 1 Mrk 335*. 2012, *Astrophysical Journal Letters*, Vol. 744, p. L4
- 39.* Xiao, T., Barth, A.J., Greene, J.E., Ho, L.C., **Bentz, M.C.**, Ludwig, R.R. *Exploring the Low-Mass End of the $M_{BH} - \sigma_*$ Relation With Active Galaxies*. 2011, *Astrophysical Journal*, Vol. 739, p. 28
38. Landt, H., Elvis, M., Ward, M.J., **Bentz, M.C.**, Korista, K.T., Karovska, M. *The Near-Infrared Broad Emission Line Region of Active Galactic Nuclei – II. The One-Micron Continuum*. 2011, *Monthly Notices of the Royal Astronomical Society*, Vol. 414, p. 218
37. Brewer, B.J., Treu, T., Pancoast, A., Barth, A.J., Bennert, V.N., **Bentz, M.C.**, et al. *The Mass of the Black Hole in Arp 151 from Bayesian Modeling of Reverberation Mapping Data*. 2011, *Astrophysical Journal*, Vol. 733, p. L33
36. Landt, H., **Bentz, M.C.**, Peterson, B.M., Elvis, M., Ward, M.J., Korista, K.T., & Karovska, M. *The Near-Infrared Radius–Luminosity Relationship for Active Galactic Nuclei*. 2011, *Monthly Notices of the Royal Astronomical Society Letters*, Vol. 413, p. L106
35. Greene, J.E., Hood, C.E., Barth, A.J., Bennert, V.N., **Bentz, M.C.**, et al. *The Lick AGN Monitoring Project: Alternate Routes to a Broad-line Region Radius*. 2010, *Astrophysical Journal*, Vol. 723, p. 309
- 34.* Denney, K.D., Peterson, B.M., Pogge, R.W., Adair, A., Atlee, D.W., Au-Yong, K., **Bentz, M.C.**, et al. *Reverberation Mapping Measurements of Black Hole Masses in Six Local Seyfert Galaxies*. 2010, *Astrophysical Journal*, Vol. 721, p. 715
33. **Bentz, M.C.**, et al. *The Lick AGN Monitoring Project: Velocity-Delay Maps from the Maximum-Entropy Method for Arp 151*. 2010, *Astrophysical Journal*, Vol. 720, p. L46
- 32.* **Bentz, M.C.**, et al. *The Lick AGN Monitoring Project: Reverberation Mapping of Optical Hydrogen and Helium Recombination Lines*. 2010, *Astrophysical Journal*, Vol. 716, p. 993
- 31.* Woo, J.H., Treu, T., Barth, A.J., Wright, S.A., Walsh, J.L., **Bentz, M.C.**, et al. *The Lick AGN Monitoring Project: Stellar Velocity Dispersions and the $M_{BH} - \sigma_*$*

- Relation for Reverberation-Mapped Active Galaxies.* 2010, *Astrophysical Journal*, Vol. 716, p. 993
30. West, A.A., Garcia-Appadoo, D.A., Dalcanton, J.J., Disney, M.J., Rockosi, C.M., Ivezić, Z., **Bentz, M.C.**, Brinkmann, J. *HI Selected Galaxies in the Sloan Digital Sky Survey I: Optical Data.* 2010, *Astronomical Journal*, Vol. 139, p. 315
29. Walsh, J.L., Minezaki, T., **Bentz, M.C.**, et al. *The Lick AGN Monitoring Project: Photometric Light Curves and Optical Variability Characteristics.* 2009, *Astrophysical Journal Supplements*, Vol. 185, p. 156
- 28.* **Bentz, M.C.**, et al. *The Lick AGN Monitoring Project: Broad-line Region Radii and Black Hole Masses from Reverberation Mapping of $H\beta$.* 2009, *Astrophysical Journal*, Vol. 705, p. 199
- 27.* Denney, K.D., Peterson, B.M., Pogge, R.W., Adair, A., Atlee, D.W., Au-Yong, K., **Bentz, M.C.**, et al. *Diverse Kinematic Signatures from Reverberation Mapping of the Broad-Line Region in AGNs.* 2009, *Astrophysical Journal*, Vol. 704, p. L80
26. Denney, K.D., Watson, L.C., Peterson, B.M., Pogge, R.W., Atlee, D.W., **Bentz, M.C.**, et al. *A Revised Broad-Line Region Radius and Black Hole Mass for the Narrow-Line Seyfert 1 NGC 4051.* 2009, *Astrophysical Journal*, Vol. 702, p. 1353
- 25.* **Bentz, M.C.**, Peterson, B.M., Netzer, H., Pogge, R.W., Vestergaard, M. *The Radius–Luminosity Relationship for Active Galactic Nuclei: The Effect of Host-Galaxy Starlight on Luminosity Measurements II. The Full Sample of 35 Reverberation-Mapped AGNs.* 2009, *Astrophysical Journal*, Vol. 697, p. 160
- 24.* **Bentz, M.C.**, Peterson, B.M., Pogge, R.W., Vestergaard, M. *The Black Hole Mass–Bulge Luminosity Relationship for Active Galactic Nuclei From Reverberation Mapping and Hubble Space Telescope Imaging.* 2009, *Astrophysical Journal Letters*, Vol. 694, p. L166
- 23.* Denney, K.D., Peterson, B.M., Dietrich, M., Vestergaard, M., & **Bentz, M.C.** *Systematic Uncertainties in Measuring Black Hole Masses from Single Epoch Spectra.* 2009, *Astrophysical Journal*, Vol. 692, p. 246
22. Barth, A.J., Strigari, L.E. **Bentz, M.C.**, Greene, J.E., Ho, L.C. *Dynamical Constraints on the Masses of the Nuclear Star Cluster and Black Hole in the Late-Type Spiral Galaxy NGC 3621.* 2009, *Astrophysical Journal*, Vol. 690, p. 1031
21. **Bentz, M.C.**, et al. *First Results from the Lick AGN Monitoring Project: The Mass of the Black Hole in Arp 151.* 2008, *Astrophysical Journal*, Vol. 689, p. L21
20. Grier, C.J., Peterson, B.M., **Bentz, M.C.**, et al. *The Mass of the Black Hole in the Quasar PG 2130+099.* 2008, *Astrophysical Journal*, Vol. 688, p. 837
19. Barth, A.J., **Bentz, M.C.**, Greene, J.E., Ho, L.C. *An Offset Seyfert 2 Nucleus in the Minor Merger System NGC 3341.* 2008, *Astrophysical Journal*, Vol. 683, p. L119
18. Watson, L.C., Martini, P., Dasyra, K.M., **Bentz, M.C.**, et al. *First Stellar Velocity Dispersion Measurement of a Luminous Quasar Host with Gemini North Laser Guide Star Adaptive Optics.* 2008, *Astrophysical Journal*, Vol. 682, p. L21
17. **Bentz, M.C.**, Pogge, R.W., Osmer, P.S. *Hubble Space Telescope Imaging of Bright Lyman Break Galaxy Candidates from the Sloan Digital Sky Survey: not LBGs after all.* 2008, *Astronomical Journal*, Vol. 136, p. 498
16. Landt, H., **Bentz, M.C.**, Ward, M.J., Elvis, M., Peterson, B.M., Korista, K.T., Karovska, M. *The Near-Infrared Broad Emission Lines of Active Galactic Nuclei — I. The*

- Observations*. 2008, *Astrophysical Journal Supplements*, Vol. 174, p. 282
15. Frank, S., **Bentz, M.C.**, Stanek, K.Z., Dietrich, M., Mathur, S., Peterson, B.M. *Are Quasars Bigger Than Gamma-Ray Bursts? Explaining Disparate Absorption Statistics With Patchy MgII Absorbers*. 2007, *Astrophysics and Space Sciences*, Vol. 312, p. 325
 14. Onken, C.A., Valluri, M., Peterson, B.M., Pogge, R.W., **Bentz, M.C.**, et al. *The Black Hole Mass of NGC 4151: Comparison of Reverberation Mapping and Stellar Dynamical Measurements*. 2007, *Astrophysical Journal*, Vol. 670, p. 105
 13. **Bentz, M.C.**, et al. *NGC 5548 in a Low Luminosity State: Implications for the Broad-Line Region*. 2007, *Astrophysical Journal*, Vol. 662, p. 205
 12. Hao, H., Stanek, K.Z., Dobrzycki, A., Matheson, T., **Bentz, M.C.**, et al. *Strongly Variable $z = 1.48$ MgII and FeII Absorption in the Spectra of $z = 4.05$ GRB 060206*. 2007, *Astrophysical Journal*, Vol. 659, p. L99
 11. Dhanda, N., Baldwin, J.A., **Bentz, M.C.**, Osmer, P.S., Ferland, G. J. *Quasars with Super Metal Rich Emission Line Regions*. 2007, *Astrophysical Journal*, Vol. 658, p. 804
 - 10.* Denney, K.D., **Bentz, M.C.**, et al. *The Mass of the Black Hole in the Seyfert 1 Galaxy NGC 4593 from Reverberation Mapping*. 2006, *Astrophysical Journal*, Vol. 653, p. 152
 - 9.* **Bentz, M.C.**, et al. *A Reverberation-Based Mass for the Central Black Hole in NGC 4151*. 2006, *Astrophysical Journal*, Vol. 651, p. 775
 8. Desroches, L., Filippenko, A.V., Kaspi, S., Laor, A., Maoz, D., Moran, E.C., Li, W., Ganeshalingam, M., Swift, B., **Bentz, M.C.**, et al. *Multiwavelength Monitoring of the Dwarf Seyfert 1 Galaxy NGC 4395. III. Optical Variability and X-ray/UV/Optical Correlations*. 2006, *Astrophysical Journal*, Vol. 650, p. 88
 - 7.* **Bentz, M.C.**, Peterson, B.M., Pogge, R.W., Vestergaard, M., Onken, C.A. *The Radius–Luminosity Relationship for Active Galactic Nuclei: The Effect of Host-Galaxy Starlight on Luminosity Measurements*. 2006, *Astrophysical Journal*, Vol. 644, p. 133
 - 6.* Peterson, B.M., **Bentz, M.C.**, et al. *Multiwavelength Monitoring of the Dwarf Seyfert 1 Galaxy NGC 4395. I. A Reverberation-based Measurement of the Black Hole Mass*. 2005, *Astrophysical Journal*, Vol. 632, p. 799 (erratum Vol. 641, p. 638 [2006])
 5. Ivison, R.J., Smail, I., **Bentz, M.**, Stevens, J.A., Menéndez-Delmestre, K., Chapman, S.C., Blain, A.W. *Rest-frame Optical and Far-Infrared Observations of Extremely Bright Lyman-Break Galaxy Candidates at $z \approx 2.5$* . 2005, *Monthly Notices of the Royal Astronomical Society*, Vol. 362, p. 535
 4. **Bentz, M.C.**, Hall, P.B., Osmer, P.S. *Nitrogen-Enriched Quasars in the Sloan Digital Sky Survey First Data Release*. 2004, *Astronomical Journal*, Vol. 128, p. 561
 3. **Bentz, M.C.**, Osmer, P.S. *A Search for Nitrogen-Enriched Quasars in the Sloan Digital Sky Survey Early Data Release*. 2004, *Astronomical Journal*, Vol. 127, p. 576
 2. **Bentz, M.C.**, Osmer, P.S., Weinberg, D.H. *Bright Lyman Break Galaxy Candidates in the Sloan Digital Sky Survey First Data Release*. 2004, *Astrophysical Journal Letters*, Vol. 600, p. L19
 - 1.* Szkody, P., Anderson, S.F., Agüeros, M., Covarrubias, R., **Bentz, M.**, et al. *Cataclysmic Variables from the Sloan Digital Sky Survey. I. The First Results*. 2002, *Astronomical Journal*, Vol. 123, p. 430

CIRCULARS, CONFERENCE PROCEEDINGS, WHITE PAPERS, NON-REFEREED ARTICLES

28. Merrell, K.A., **Bentz, M.C.**, Walsh, J.L. *A Comparison of Stellar Kinematics Derived from Two Gemini NIFS Reduction Pipelines*. 2020, Research Notes of the American Astronomical Society
27. Megeath, S.T., Armus, L., **Bentz, M.C.**, Binder, B., Civano, F., Corrales, L., Dragomir, D., Elvis, M., Espaillat, C., Finkelstein, S., Fox, D., Greenhouse, M., Hoadley, K., Kauffmann, J., Kirkpatrick, A., Kraft, R., Khullar, G., Hartigan, P., Lillie, C., Lazio, J., Marengo, M., McCandliss, S., Meyer, M., Mushotzky, R., Pope, A., Roming, P., Smith, J.D., Stevenson, K., Tielens, A., Tremblay, G., Wang, D., Wolk, S. *The Legacy of the Great Observatories: Panchromatic Coverage as a Strategic Goal for NASA Astrophysics*. 2019, Bulletin of the American Astronomical Society, Vol. 51, p. 184
26. Whelan, D., Privon, G. C., Beaton, R.L., **Bentz, M.C.**, Chojnowski, S.D., Labadie-Bartz, J., Mace, G., Maderak, R., Majewski, S.R., Nidever, D., Webb, J. *The Importance of Telescope Training in Data Interpretation*. 2019, Bulletin of the American Astronomical Society, Vol. 51, p. 155
25. Eikenberry, S., Gonzalez, A., Darling, J., Liske, J., Slepian, Z., Mueller, G., Conklin, J., Fulda, P., Mendes de Oliveira, C., **Bentz, M.C.**, Jeram, S., Dong, C., Townsend, A., Izuti Nakazono, L.M., Quimby, R., Welsh, W. *The Cosmic Accelerometer*. 2019, Bulletin of the American Astronomical Society, Vol. 51, p. 137
24. Eikenberry, S., **Bentz, M.C.**, Gonzalez, A., Harrington, J., Jeram, S., Law, N., Maccarone, T., Quimby, R., Townsend, A. *PolyOculus: Low-cost Spectroscopy for the Community*. 2019, Bulletin of the American Astronomical Society, Vol. 51, p. 124
23. Oey, S., Maccarone, T., Walter, F., Baily, C., Gallagher, J., Henry, T.J., Oswald, T., Buzasi, D., Smith, J.A., Beaton, R., Webb, J., Barlow, B., **Bentz, M.C.**, Hebb, L., Kelly, P., Isler, J., Meyer, M., Salzer, J., Scaringi, S. *2020 Vision: Towards a Sustainable OIR System*. 2019, Bulletin of the American Astronomical Society, Vol. 51, p. 95
22. Chanover, N., Williams, B., Crenshaw, D.M., Tuttle, S., Morris, B., Golkhou, Z., Buzasi, D., Glenn, J., **Bentz, M.C.**, Hebb, L. *The Importance of 4m Class Observatories to Astrophysics in the 2020s*. 2019, Bulletin of the American Astronomical Society, Vol. 51, p. 31
21. Scowen, P., **Bentz, M.C.**, Finkelstein, S., Lee, J., Lightsey, P., McCandliss, S., Megeath, T., Meixner, M., Pope, A., Scarlata, C., Tumlinson, J., Tuttle, S. *Outline of Analysis Studies Conducted by NASA Cosmic Origins Program Analysis Group Members During the Past 10 Years*. 2019, Bulletin of the American Astronomical Society, Vol. 51, p. 55
20. **Bentz, M.C.** *AGN Reverberation Mapping*. 2016, in *Astrophysics and Space Science Library*, Vol. 239, Astronomy at High Angular Resolution – A compendium of techniques in the visible and near-infrared, ed. H.M.J. Boffin, L. Schmidtobreick, G. Hussain, J.P. Berger (Berlin: Springer-Verlag), p. 249
19. Seigar, M.S., Berrier, J.C., Davis, B.L., Kenefick, D., Kenefick, J., Barrows, R.S., Hartley, M.T., Shields, D.W., **Bentz, M.C.**, Lacy, C.H.S. *The Arkansas Galaxy Evolution Survey: SMBH Mass and Spiral Arm Morphology*. 2014, in *ASP Conf. Ser. 480, Structure and Dynamics of Disk Galaxies*, ed. M.S. Seigar & P. Treuhardt (San Francisco: ASP), p. 196

18. Bond, H., **Bentz, M.C.**, Clayton, G., Rest, A. *Light Echoes*. 2012, in Proc. IAUS No. 285, New Horizons in Time Domain Astronomy, ed. R.E.M. Griffin, R.J. Hanisch, & R. Seaman (Cambridge: Cambridge University Press), p. 215
17. Horne, K., Baptista, R., **Bentz, M.C.**, Steeghs, D. *Astrotomography*. 2012, in Proc. IAUS No. 285, New Horizons in Time Domain Astronomy, ed. R.E.M. Griffin, R.J. Hanisch, & R. Seaman (Cambridge: Cambridge University Press), p. 227
16. Grier, C.J., Peterson, B.M., Denney, K.D., Martini, P., Pogge, R.W., **Bentz, M.C.** *New Results in Reverberation Mapping*. 2011, in Proceedings of Narrow-Line Seyfert 1 Galaxies and Their Place in the Universe, PoS(NLS1)052
15. Denney, K.D., Assef, R.J., **Bentz, M.C.**, Dietrich, M., Horne, K., Kochanek, C.S., Mathur, S., Peterson, B.M., Pogge, R.W., Vestergaard, M. *Addressing Systematic Uncertainties in Black Hole Mass Measurements*. 2011, in Proceedings of Narrow-Line Seyfert 1 Galaxies and Their Place in the Universe, PoS(NLS1)034
14. **Bentz, M.C.** *Black Hole Scaling Relationships and NLS1s*. 2011, in Proceedings of Narrow-Line Seyfert 1 Galaxies and Their Place in the Universe, PoS(NLS1)033
13. Landt, H., **Bentz, M.C.**, Peterson, B.M., Elvis, M., Ward, M.J., Korista, K.T., Karovska, M. *The Near-IR Broad-emission Line Region of AGN*. 2011, in Proceedings of Narrow-Line Seyfert 1 Galaxies and Their Place in the Universe, PoS(NLS1)009
12. Peterson, B.M., **Bentz, M.C.** *Black Hole Masses from Reverberation Mapping*. 2011, in Proc. of the Space Telescope Science Institute Symposium 21, Black Holes, ed. M. Livio & A. Koekemoer (New York: Cambridge University Press), p. 100
11. Grier, C.J., Watson, L.C., Peterson, B.M., Martini, P., **Bentz, M.C.**, Dasyra, K.M., Denney, K.D., Dietrich, M., Ferrarese, L., Pogge, R.W., Tacconi, L.J. *Investigating the High-Luminosity End of the Active Galaxy M - σ Relation*. 2010, in Proc. IAUS No. 267, Co-Evolution of Central Black Holes and Galaxies, ed. B.M. Peterson, R.S. Somerville, T. Storchi-Bergmann, p. 204
10. Denney, K.D., Peterson, B.M., Pogge, R.W., **Bentz, M.C.**, et al. *Reverberation Mapping Results from MDM Observatory*. 2010, in Proc. IAUS No. 267, Co-Evolution of Central Black Holes and Galaxies, ed. B.M. Peterson, R.S. Somerville, & T. Storchi-Bergmann, p. 201
9. **Bentz, M.C.**, and the LAMP Collaboration. *New Reverberation Mapping Results from the Lick AGN Monitoring Project*. 2010, in Proc. IAUS No. 267, Co-Evolution of Central Black Holes and Galaxies, ed. B.M. Peterson, R.S. Somerville, & T. Storchi-Bergmann, p. 197
8. **Bentz, M.C.**, Walsh, J.L., Silverman, J.M., Steele, T.N., Filippenko, A.V., Blondin, S., & Berlind, P. *Supernova 2008bx in MCG+07-31-4*. 2008, Central Bureau Electronic Telegrams, Vol. 1359
7. Malkan, M.A., **Bentz, M.C.**, Thornton, C.E., Silverman, J.M., Steele, T.N., & Filippenko, A.V. *Supernova 2008be in NGC 5671*. 2008, Central Bureau Electronic Telegrams, Vol. 1321
6. Barth, A.J., **Bentz, M.C.**, Thornton, C.E., Chornock, R., & Filippenko, A.V. *Supernova 2008bh in NGC 2642*. 2008, Central Bureau Electronic Telegrams, Vol. 1313
5. **Bentz, M.C.**, Denney, K.D., Peterson, B.M., & Pogge, R.W. *Refining the Radius-Luminosity Relationship for Active Galactic Nuclei*. 2007, in ASP Conf. Ser. 373, The Central Engine of Active Galactic Nuclei, ed. L.C. Ho & J.-M. Wang

- (San Francisco: ASP), p. 380
4. Denney, K.D., **Bentz, M.C.**, Peterson, B.M., & Pogge, R.W. *The Mass of the Black Hole in NGC4593 Using Reverberation Mapping*. 2007, in ASP Conf. Ser. 373, The Central Engine of Active Galactic Nuclei, ed. L.C. Ho & J.-M. Wang (San Francisco: ASP), p. 23
 3. Peterson, B.M., & **Bentz, M.C.** *Black Hole Masses from Reverberation Mapping*. 2006, New Astronomy Reviews, Vol. 50, p. 796
 2. **Bentz, M.C.**, Osmer, P.S., & Weinberg, D.H. *Bright Lyman-Break Galaxy Candidates in the SDSS First Data Release*. 2004, in Proc. IAUS No. 222, The Interplay Among Black Holes, Stars, and ISM in Galactic Nuclei, ed. T. Storchi-Bergmann, L.C. Ho, & H.R. Schmitt (Cambridge, UK: Cambridge University Press), p. 515
 1. **Bentz, M.C.** & Osmer, P.S. *A Search for Nitrogen Enriched Quasars in the SDSS Early Data Release*. 2004, in ASP Conf. Ser. 311, AGN Physics with the Sloan Digital Sky Survey, ed. G.T. Richards & P.B. Hall (San Francisco: ASP), p. 289

Updated 1 July 2021